

NAME

concat – Join lists together

SYNOPSIS**concat** ?*arg arg ...*?**DESCRIPTION**

This command joins each of its arguments together with spaces after trimming leading and trailing white-space from each of them. If all of the arguments are lists, this has the same effect as concatenating them into a single list. Arguments that are empty (after trimming) are ignored entirely. It permits any number of arguments; if no *args* are supplied, the result is an empty string.

EXAMPLES

Although **concat** will concatenate lists, flattening them in the process (so giving the following interactive session):

```
% concat a b {c d e} {f {g h}}
```

```
a b c d e f {g h}
```

it will also concatenate things that are not lists, as can be seen from this session:

```
% concat " a b {c " d " e} f"
```

```
a b {c d e} f
```

Note also that the concatenation does not remove spaces from the middle of values, as can be seen here:

```
% concat "a  b  c" { d e f }
```

```
a  b  c d e f
```

(i.e., there are three spaces between each of the **a**, the **b** and the **c**).

SEE ALSO

append(n), eval(n), join(n)

KEYWORDS

concatenate, join, list